



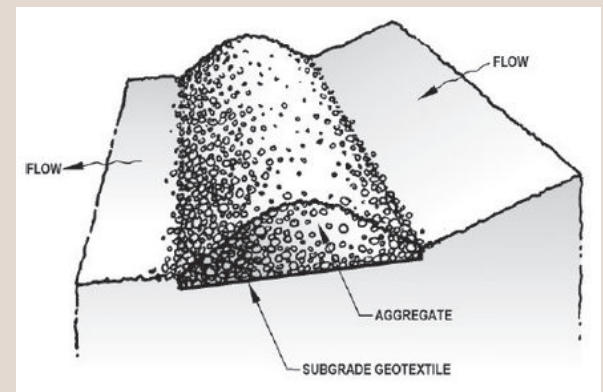
CONSTRUCTION SITE "COMPLIANCE CONNECTION"

BUTTON UP YOUR CONSTRUCTION SITES FOR WINTER

Plan ahead for winter with your construction projects to minimize bare soil.

Before Winter Weather Arrives

- Sequence soil disturbance so that it is completed before the soil freezes.
- Ensure that all entrances/exits from the site are stabilized with rock or other best management practices (BMPs).
- Keep vehicles and equipment off of bare soils.
- Have a designated staging area that is stabilized with rock.
- Make sure that perimeter controls such as silt fence, wattles, filter socks or similar practices are staked in place.
- Stabilize soil with temporary or permanent practices to minimize exposed soils. Soils that will not be disturbed for 14 days need immediate protection. Stabilization practices include: mulching, hydro-mulching, bonded fiber matrix, rolled erosion control products (blankets), and seeding. Be aware of seeding windows specified in SUDAS.
- Protect stockpiles with mulch, tarps or other covers.
- Inlet protection may have to be removed in some communities.



Rock Filter Berm. Photo: Minnesota Stormwater Manual, MPCA

Winter Inspection and Maintenance

- Continue doing inspections every 7 calendar days.
- Minimize new exposure of soil and stabilize any disturbed soils.
- Monitor entrances/exits to ensure they are stabilized and track out is not occurring.
- Check perimeter controls to make sure they are effective. Use sandbags, gravel filter socks, and berms or similar products to repair damaged practices when frozen soils make driving stakes impossible.
- Keep an extra supply of sand bags, rolled erosion control products and gravel on-site to be used when issues arise.



Additional Construction Site Guidance

Construction During Winter

- Think snow and enlarge the site entrances/exits to allow room for plowed snow.
- Minimize the amount of soil disturbance. Protect soils with straw or wood mulch.
- Sediment controls that could be used on frozen soils could include sand bags, gravel berms and heavy filter socks.
- Remember to have practices in place for debris and sanitary waste management.
- Continue 7 calendar day inspections and maintain practices.



The Arrival of Spring

There is a high risk for sediment discharges during spring thaws and rainfall events.

- Best Management Practices (BMPs) will need to be reinstalled in spring. Exposed soils need to be protected immediately if additional soil disturbance will not occur for 14 days.
- Now is the time to repair BMPs that could not be repaired during the winter months. Additional BMPs may be needed.
- Clean out trapped sediment behind sediment controls and in sediment traps and basins.
- Concrete washouts should be cleaned out and repaired.



Photo: oldstuffmagazine.com